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Perfect score:
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           Pred. No. 18 the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2 6/ptodata/1/pubpna/US07 PUBCOMB.seq: *

2: /cgn2 6/ptodata/1/pubpna/US08 PUBCOMB.seq: *

3: /cgn2 6/ptodata/1/pubpna/US09A PUBCOMB.seq: *

4: /cgn2 6/ptodata/1/pubpna/US09A PUBCOMB.seq: *

5: /cgn2 6/ptodata/1/pubpna/US10A PUBCOMB.seq: *

6: /cgn2 6/ptodata/1/pubpna/US10B PUBCOMB.seq: *

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9: /cgn2 6/ptodata/1/pubpna/US10B PUBCOMB.seq: *

9: /cgn2 6/ptodata/1/pubpna/US10E PUBCOMB.seq: *

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10: /cgn2 6/ptodata/1/pubpna/US11E PUBCOMB.seq: *
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        GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
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  US-10-880-425A-36
US-10-880-425A-35
US-10-880-425A-35
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US-10-469-851-190
US-10-469-851-190
US-10-131-827-1842
US-10-131-827-16733
US-10-10-27-632-176733
US-10-10-2849-45
US-10-880-425A-3
US-10-880-425A-3
US-10-131-827-7174
US-10-349-143-337
US-10-349-143-337
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Sequence 36, Appl Sequence 35, Appl Sequence 38, Appl Sequence 190, App Sequence 190, Appl Sequence 190, Appl Sequence 189, Appl Sequence 176733, Sequence 176733, Sequence 176733, Sequence 45, Appl Sequence 127, Appl Sequence 377, Appl Seque
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3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	ა. 8	3.8	3.8	3.8	3.8	3.8	3.8
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US-10-011-931-74	US-10-294-934-646	US-10-349-143-657	US-10-032-585-1827	US-09-790-457-235	US-09-790-457-233	US-09-790-417-235	US-09-790-417-233	US-10-035-833A-4540	US-10-035-833A-1945	US-10-719-900-970987	US-10-681-773-72486	US-10-681-773-49731	US-10-690-487-126	US-10-131-827-6377	US-10-131-827-6233	US-10-880-425A-4	US-10-131-827-1279	US-11-036-317-763515	US-10-809-189-121545	US-10-719-900-830481
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence 763515	Sequence	Sequence
Þ	646, App	657, App	1827, Ap	235, App	233, App	235, App	233, App	4540, Ap	1945, Ap	970987,	72486, A	49731, A	126, App	6377, Ap	e 6233, Ap	4, Appli	1279, Ap	, 763515,	121545,	830481,

ALIGNMENTS

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RESULT 1

US-10-880-425A-36/c

Sequence 36, Application US/10880425A

Publication No. US2005016423A1

GENERAL INFORMATION:

APPLICANT: Smit, Frank

APPLICANT: Smit, Frank

APPLICANT: Hessels, Daphne

APPLICANT: Verhaegh, Gerald

TITLE OF INVENTION: Specific Method of Prostate Can

TITLE OF INVENTION: Specific Method of Prostate Can

TITLE REFERENCE: 1619.0190000/JAG/CMB

CURRENT APPLICATION NUMBER: US/10/880,425A

CURRENT FILING DATE: 2004-06-30

PRIOR APPLICATION NUMBER: CA 2,432,365

PRIOR FILING DATE: 2003-06-30

NUMBER OF SEQ ID NOS: 46

SOPTWARE: DNA

CORNIEMS PATENTIN VERSION 3.2

SEQ ID NO 36

LENGTH: 50

TYPE: DNA

OPENING METHOD SECONDO
US-10-880-425A-40/c

US-10-880-425A-40/c

; Sequence 40, Application US/10880425A
; Publication No. US20050164223A1
; GENERAL INFORMATION:
; APPLICANT: Schalken, Jack A.
; APPLICANT: Schit, Frank
; APPLICANT: Hessels, Daphne
; APPLICANT: Verhaegh, Gerald
; TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on
; TITLE OF INVENTION: and Kits Therefor
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                                                                                                                                                                                                                                                                                                                                                                                Best Local
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30; Conserv
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93.8%;
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Pred. No. 85;
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RESULT 4
US-10-880-425A-38/c
US-10-880-425A
; Sequence 38, Application US/10880425A
; Publication No. US20050164223A1
; GENERAL INFORMATION:
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PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.2
SEQ ID NO 35
LENGTH.
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CURRENT APPLICATION NUMBER: US/10/880,425A
CURRENT FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: CA 2,432,365
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PACENTIN VERBION 3.2
SEQ ID NO 40
LENGTH. 26
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Best Local
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APPLICANT: Schalken, Jack A.
APPLICANT: Smit, Frank
APPLICANT: Smit, Frank
APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate
TITLE OF INVENTION: and Kits Therefor
FILE REFERENCE: 1619.0190000/JAG/CMB
CURRENT APPLICATION NUMBER: US/10/880,425A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
TITLE OF INVENTION: and Kits Therefor
FILE REFERENCE: 1619.0199000/JAG/CMB
CURRENT APPLICATION NUMBER: US/10/880,425A
CURRENT FILING DATE: 2004-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Schalken, Jack A. APPLICANT: Smit, Frank APPLICANT: Hessels, Daphne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 26
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100.0%; Pred. No. 4.8e+02;
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Pred. No. 1.6e+03;
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                                                                        Cancer Detection Based
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 26;
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PRIOR APPLICATION NUMBER: CA 2,4
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 46
SOPTWARE: PatentIn version 3.2
SEQ ID NO 38
LENGTH: 23
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                               ; LOCATION: 24
; OTHER INFORMATION: 12-504-428 : polymorphic base G
US-10-294-934-711
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US-10-469-851-190/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/671,317
PRIOR FILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: US 09/536,178
PRIOR FILING DATE: 2000-03-23
PRIOR APPLICATION NUMBER: PCT/IB00/00403
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR PILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/131,961
PRIOR APPLICATION NUMBER: US 60/131,961
Sequence 190, Application US/10469851

Publication No. US20040219677A1

GENERAL INFORMATION:
APPLICANT: CAYLA

TITLE OF INVENTION: SYNTHETIC GENES AND BACTERIAL PLASMIDS DEVOID OF
FILE REFERENCE: FP - D. 0200862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patent.pm
SEQ ID NO 711
LENGTH: 47
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Publication No. US20
GENERAL INFORMATION
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TITLE OF INVENTION: BIALLELIC MARKERS RELATED
FILE REFERENCE: 62.US4.DIV
CURRENT APPLICATION NUMBER: US/10/294,934
CURRENT FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 977
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                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: allele
                                                                                                                                                                                                                                                                                            Local Similarity
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Conservative (
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75.7%;
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100.0%; Pred. No. 4.
1ve 0; Mismatches
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Pred. No. 8.5e+03
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RESULT 8
US-10-880-425A-32
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                                                             Sequence 32, Application US/10880425A
Publication NO. US20050164223A1
GENERAL INFORMATION:
APPLICANT: Schalken, Jack A.
APPLICANT: Smit, Frank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: EARLIER PRIOR FILING DATE: EARLIER FILING NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 66
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CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: FRO1/03274
PRIOR FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 360
SOFTWARE: Patentin version 3.1
SEQ ID NO 190
                                                                                                                                                                                                                                                                                                                                                                     Matches
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CURRENT EPPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, Ma. APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: 99-12652-459 : polymorphic base A or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: allele
LOCATION: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 40
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27; Conservative
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63.8%;
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73.0%;
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Pred. No. 2.6e+04;
0; Mismatches 10
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Pred. No. 2.8e+04;
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FITLE OF INVENTION: and Kits Therefor FILE REFERENCE: 1619.0190000/JAG/CMB CURRENT APPLICATION NUMBER: US/10/880,425A CURRENT FILING DATE: 2004-06-30 PRIOR APPLICATION NUMBER: CA 2,432,365 PRIOR FILING DATE: 2003-06-30 NUMBER OF SEQ ID NOS: 46 SOFTMARE: PATENTIN VERSION 3.2 SEQ ID NO 32 SEC ID NO 32 LENGTH: 31
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US-10-131-827-7842/c
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GENERAL INFORMATION:

APPLICANT: Wohlgemuth, Jay

APPLICANT: Wohlgemuth, Jay

APPLICANT: Fry, Kirk

APPLICANT: Woodward, Robert

APPLICANT: Ly, Ngoc

TITLE OF INVENTION: CHRONIC INFLAWMATORY DISEASES

FILE REFERENCE: 506612000120

CURRENT FILING DATE: 2002-09-06

PRIOR APPLICATION NUMBER: US 10/006,290

PRIOR FILING DATE: 2001-10-22

CORRENT FILING DATE: 2001-10-22

PRIOR FILING DATE: 2001-10-22
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 189
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Publication No. US20040009479A1
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Best Local Similarity
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TITLE OF INVENTION: SYNTHETIC GENES AND BACTERIAL PLASMIDS
FILE REFERENCE: FP - D. 0200862
CURRENT APPLICATION NUMBER: US/10/469,851
CURRENT FILING DATE: 2003-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: assembling oligo for CpG-free LacZ
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ORGANISM: Artificial Sequence
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Pred. No. 3e+04;
0; Mismatches
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APPLICATION NUMBER: US 60/296,764

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; TYPE: DNA; Homo sapiens US-10-131-827-7842
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US-10-027-632-176733/c
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US-10-027-632-176733/c
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PRIOR FILING DATE: 2000-07-12
PRIOR PELICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR PELICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
Sequence 176733, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FBSTSEQ for Windows Version 4.0
SEQ ID NO 176733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 176733, Application US/10027632 
Publication No. US20020198371A1
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NUMBER OF SEQ ID NOS: 9090
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 7842
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TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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ORGANISM: Human
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75.8%;
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Pred. No. 4.7e+04;
0; Mismatches 8
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Pred. No. 3.9e+04;
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CURRENT APPLICATION NUMBER: US/10/143,897
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/636,735A
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.0
SEQ ID NO 6
LENGTH: 48
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US-10-143-897-6
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US-10-027-632-176733
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PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/10143897
publication No. US20030171273A1
GENERAL INFORMATION:
APPLICANT: Berg, Patricia
TITLE OF INVENTION: No. US20030171:
FILE REFERENCE: 119.37405X00
                                                                              Sequence 3, Application US/10880425A publication No. US20050164233A1 GENERAL INFORMATION:
APPLICANT: Schalken, Jack A. APPLICANT: Smit, Frank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version SEQ ID NO 176733 LENGTH: 40
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Best Local Similarity
APPLICANT: Smit, Frank
APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based
TITLE OF INVENTION: and Kits Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 325720
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: FEATURE: NAME/KEY: misc_feature LOCATION: (1)...(48)
OTHER INFORMATION: synthesized oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Pred. No. 4.7e+04;
0; Mismatches 8
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Pred. No. 5.2e+04;
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9 PCA3

Gene

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RESULT 15
US-10-880-425A-45/c
Sequence 45, Application US/10880425A
Publication No. US20050164223A1
Publication No. US20050164223A1

GENERAL INFORMATION:
APPLICANT: Schalken, Jack A.
APPLICANT: Smit, Frank
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
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TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,
TITLE OF INVENTION: Specifi
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CURRENT APPLICATION NUMBER: US/10/880,425A
CURRENT FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: CA 2,432,365
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.2
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: FEATURE: Synthetic Construct
US-10-880-425A-3
Search completed: December Job time: 788 secs
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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                                                   seq length: 10
seq length: 50
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Match Length
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506
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   GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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 US-10-500-831-174
US-10-750-185-12504
US-10-750-185-12504
US-10-750-185-12509
US-10-209-208-68
US-10-209-208-68
US-10-205-6799-12
US-10-655-872-3
US-11-084-711-24
US-11-084-711-24
US-11-101-244-175664
US-11-101-244-1175664
US-11-101-244-1175664
US-11-083-784-17564
US-11-083-784-1756937
US-11-083-784-1575937
US-11-083-784-575937
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US-11-083-784-575937
US-11-083-784-575937
US-10-845-413-173
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681.720 Million cell updates/sec
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Sequence 1254, A
Sequence 19249, A
Sequence 67, Appl
Sequence 68, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 23, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 170643,
                           Sequence 1175664,
Sequence 1458710,
Sequence 14376, A
Sequence 575937,
Sequence 575937,
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                    Sequence
79, Appl
7371, Ap
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US-11-083-784-112884	US-11-101-244-1537176	US-11-101-244-1513182	US-11-101-244-1453039	US-11-101-244-1365501	US-11-101-244-1305091	US-11-101-244-1021099	US-11-101-244-913204	US-11-101-244-841679	US-11-101-244-521923	US-11-101-244-450365	US-11-101-244-450294	-45020	US-11-101-244-450085	US-11-101-244-449997	44-39106	US-11-101-244-342365	US-11-101-244-307921	US-11-101-244-307823	US-11-101-244-181355	US-11-101-244-170616	US-11-101-244-112884
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
112884,	1537176	1513182	1453039	1365501	1305091	1021099	913204,	841679,	521923,	450365,	450294,	450205,	450085,	449997,	391068,	342365,	307921,	307823,	181355,	170616,	112884,

ALIGNMENTS

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RESULT 2
US-10-750-185-12504
Sequence 12504, Application US/10750185
Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DeNISE, Sue K.
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CURRENT APPLICATION NUMBER: US/10/750,185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LENGTH: 41
; TYPE: DNA
; ORGANISM: Human papillomavirus type
US-10-500-831-174
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US-10-500-831-174/c
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TITLE OF INVENTION: DETECTION OF HUMAN PAPILLOMAVIRUS E6 mRNA
FILE REFERENCE: B0192.70052US00

CURRENT APPLICATION NUMBER: US/10/500,831

CURRENT FILING DATE: 2004-07-07

PRIOR APPLICATION NUMBER: GB 0200258.2

PRIOR PILING DATE: 2002-01-07

PRIOR PILING DATE: 2002-01-07

PRIOR PILING DATE: 2002-06-19

NUMBER OF SEQ. ID NOS: 387
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US-10-209-208-67/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Forward Primer US-10-750-185-19249
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SOFTWARE: PatentIN version 3.1
SEQ ID NO 12504
LEMETER
              Sequence 67, Application US/10209208
publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: TBien, Reger
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
CURRENT FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                       3.4%;
Best Local Similarity 86.4%;
Matches 19; Conservative
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SEQ ID NO 19249
LENGTH: 25
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PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MMI GENOMICS, INC. APPLICANT: DENISE, Sue K. APPLICANT: KERR, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/750,185
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PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
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APPLICATION NUMBER: 10/121,258
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Pred. No. 7.6e+03;
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Pred. No. 5.4e+03;
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                                                   Sequence 12, Application US/10926709
publication No. US20050250181A1
GENERAL INFORMATION:
APPLICANT: Schroder Glad, Sanne O.
APPLICANT: Andersen, Carsten
APPLICANT: Schulein, Martin
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SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 67
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SEQ ID NO 68
LENGTH: 39
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Mutagenic Primer
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PRIOR FILING DATE: 2002-04-10
PRIOR PPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
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APPLICANT: Campbell, Robert
APPLICANT: Geneficy Baird
TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
CURRENT FILING DATE: 2002-07-29
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PRIOR APPLICATION UNDER: 09/866,538
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
                                        APPLICANT:
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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CANT: Frandeen, Torben P.
OF INVENTION: CELL-WALL DEGRADING ENZYME VARIANTS
REFERENCE: 10044.200-US
                                                                                                                                                                                                                                                                                                         292 TCGATGAGCCTCGCCCTGTGCCTGGTCCCGCTTGTGAG
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No. US20050244921A1
                                                                                                                                                                                                                                                                                                                                                                   55.3%;
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Pred. No. 1.4e+04;
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APPLICANT: Lowery, David
APPLICANT: Kennedy, Michael J
APPLICANT: Kennedy, Michael J
TITLE OF INVENTION: Salmonella Vaccine Materials and
FILE REFERENCE: 28341/6114.N
CURRENT APPLICATION NUMBER: US/11/084,711
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/09/809,524
PRIOR FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US/190,178
PRIOR APPLICATION NUMBER: 60/190,178
PRIOR FILING DATE: 2000-03-17
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APPLICANT: Bear, et al.

TITLE OF INVENTION: Lentiviral Vectors, Related Reagents, and Methods of Use Thereof
FILE REFERENCE: 0492611-0512

CURRENT APPLICATION NUMBER: US/10/655,872

CURRENT FILING DATE: 2003-09-05

NUMBER OF SEQ ID NOS: 39

SOFTWARE: Patentin version 3.2

SEQ ID NO 33

LENGTH: 47

TYPE: DNA

ORGANISM: Artificial

FEATURE:

THE ARTICLE OF SECTION OF THE PROPERTY OF THE PRO
                                                                                                         NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 23, Application US/11084711
Publication No. US20050260223A1
GENERAL INFORMATION:
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Best Local
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Publication No. US20050251872A1
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PRIOR FILING DATE: 2001-07-19
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CURRENT FILING DATE: 2004-08-26
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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l Similarity 64.1%;
25; Conservative
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22; Conservative
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Pred. No. 1.8e+04;
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Pred. No. 1.4e+04;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             and Methods
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; ORGANISM: Homo sapiens US-11-101-244-170643

LENGTH: 19

PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 170643

FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10

APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA

GENERAL INFORMATION:

APPLICANT: Dharmacon, Inc. APPLICANT: Khvorova, Anas APPLICANT: Reynolds, Ange

Khvorova, Anastasia Reynolds, Angela Leake, Devin

APPLICANT:

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PRIOR APPLICATION NUMBER: US/09/809,524

PRIOR PILING DATE: 2005-03-18

PRIOR PILING DATE: 2001-09-17

PRIOR APPLICATION NUMBER: US/09/809,524

PRIOR APPLICATION NUMBER: 60/190,178

PRIOR FILING DATE: 2000-03-17

NUMBER OF SEQ ID NOS: 30

SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 24

LENGTH. 1
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                                                                                                                                                                                                                                                                            ; LENGTH: 48; TYPE: DNA; ORGANISM: Artificial Sequence; PEATURE: PEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: primer US-11-084-711-24
                                     RESULT 10
US-11-101-244-170643/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
"Arches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-11-084-711-23
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Sequence 170643, Application US/11101244 Publication No. US20050246794A1
                                                                                                                                                                                                                  Query Match 3.3%;
Best Local Similarity 64.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Lowery, David
APPLICANT: Kennedy, Micl
                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kennedy, Michael J
TITLE OF INVENTION: Salmonella Vaccine Materials and Methods
FILE REFERENCE: 28941/6114.N
CURRENT APPLICATION NUMBER: US/11/084,711
CURRENT FILING DATE: 2005-03-18
                                                                                                                                                          42 AGCACTCAATTTCTACTCAGAAATTTTTGATGGCCTTAA
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Pred. No. 1.9e+04
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Pred. No. 1.9e+04
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                                                                                                                                                                                                                                     Length 48;
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; ORGANISM: Homo sapiens
US-11-101-244-1175664
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PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 911726
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1175664, Application US/11101244 Publication No. US20050246794A1 GENERAL INFORMATION:
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Best Local
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                                                                                    SOFTWARE: Proprietary
SEQ ID NO 1175664
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APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
                                                                                                                                                                                                                                                                                                    APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
                                                                                                                                               CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
PRIOR FILING DATE: 2002-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
                                                                                                                               NUMBER OF SEQ ID NOS: 1591911
                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 3.2%;
Local Similarity 94.4%;
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Similarity 88.9%;
16; Conservative
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                                                                                                                                                                                                                                                                                      13499US
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Pred. No. 1.2e+04;
1; Mismatches 1
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Pred. No. 1.
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APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT APPLICATION UNMBER: US/11/083,784
CURRENT FILING DATE: 2005-03-18
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR TILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2003-09-10
PRIOR FILING DATE: 2002-11-14
NUMBER: OF SEQ ID NOS: 1591911
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US-11-101-244-1458710
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US-11-101-244-1458710
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; ORGANISM: Homo sapiens
JS-11-083-784-170643
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 1458710
LENGTH: 19
                                                          SOFTWARE: Proprietary
SEQ ID NO 170643
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 170643, Application US/11083784 Publication No. US20050245475A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Leake, Devin
APPLICANT: Marchall, William
APPLICANT: Marchall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT FILING DATE: 2005-04-07
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Reynolds, Angela
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Khvorova,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dharmacon, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3.2%;
Local Similarity 88.9%;
es 16; Conservative 1
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Reynolds, Angela
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Pred. No. 1
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Sequence 911726, Application US/11083784

Publication No. US20050245475A1

GENERAL INFORMATION:
APPLICANT: Dharmacon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Khvorova, Anastasia
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional sirNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/083,784
CURRENT APPLICATION NUMBER: US/10/714,333
PRIOR APPLICATION NUMBER: US/10/714,333
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2003-11-14
NUMBER OF SEQ ID NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NUMBER: 60/426,137
PRIOR FILING DATE: 2003-11-14
NUMBER OF SEQ ID NUMBER: 60/426,137
PRIOR FILING DATE: 2003-11-14
NUMBER: Proprietary
SEQ ID NO 911726
US-11-083-784-911726
Search completed: December 1, 2005, 18:10:44 Job time : 232 secs
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                                                                                                                                                                                                                               Query Match 3.2%; Score 16.4; DB 9; Length 19; Best Local Similarity 88.9%; Pred. No. 1.2e+04; Matches 16; Conservative 1; Mismatches 1; Indels
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Maximum Match 100%
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US-10-750-185-27542
US-11-112-908-39
US-10-750-185-52118
US-10-750-185-25953
US-10-750-185-2995
US-11-112-908-29
US-10-750-185-4606
US-10-750-185-4606
US-10-750-185-4606
US-10-750-185-4606
US-11-112-908-42
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sequence 804, App Sequence 27542, A Sequence 51094, A Sequence 52118, A Sequence 59056, A Sequence 29, Appl Sequence 24, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 3917, A Sequence 4512, Appl Sequence 4512, Appl Sequence 4606, App Sequence 4592, A Sequence 47118, A Sequence 47118, A Sequence 47118, A Sequence 43, Appl Sequence 43, Appl
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	44151, /	44494, 1	56745, F	31, App1	27747, A	49430, A	36924, A	•	•	-	엻	53454, A	47953, A	63144, A	-	32566, A	391, App	36090, A		68, Appl	5	ביקיי יסד

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; ORGANISM: Homo sapiens
US-11-112-908-56
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APPLICANT: Davis, Lisa M.
APPLICANT: Davis, Lisa M.
FILE REFERENCE: 04-164-US
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR PPLICATION NUMBER: US 60/575,978
PRIOR PRILING DATE: 2004-06-01
PRIOR PILING DATE: 2004-06-01
PRIOR PRILING DATE: 2004-06-01
PRIOR PRILING DATE: 2004-11-30
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR PRILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
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US-11-12-908-56/c
US-11-112-908-56, Application US/11112908
; Sequence 56, Application US/11112908
; Publication No. US20050260659A1
; GENERAL INFORMATION:
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Best Local Similarity 50.0%;
Matches 90; Conservative (
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                                               CGGGCTCACCTCCGTCCCTCCATATTTGTCCTCCACTTTCACAGATCCCTGGGAGAAATG
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Pred. No. 0.64;
0; Mismatches 9
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RESULT 2 US-11-112-908-55/c

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PRIOR FILLING DATE: 2004-04-23
PRIOR PELLOATION NUMBER: US 60/575,978
PRIOR PELLOATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILLING DATE: 2004-11-30
PRIOR FILLING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
SOFTWARE: Patentin version 3.3
                                                                                                                                                         US-10-821-234-804
                                                                                                                                                                                                                             FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SOFTWARE: pt SEQ genes Version 1.0
SEQ ID NO 804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 804, Applic
Publication No. US20
GENERAL INFORMATION:
                                                                         Query Match 6.9%;
Best Local Similarity 46.6%;
Matches 111; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERNCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Labat, Ivan
APPLICANT: Stache-Cra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYBE: DNA
ORGANISM: Homo sapiens
11-112-908-55
                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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TH: 193789
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No. US20050260659A1
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Pred. No. 0.1;
0; Mismatches 127;
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Pred. No. 0.76;
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                                                                                                                  Length 1739;
                                                                             Indels
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FILE REFERENCE: MMI1100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PALENTIN VERSION 3.1
SEQ ID NO 27542
LENGTH: 2087
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CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR APPLICATION NUMBER: US 60/633,826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 39, Application US/11112908
Publication No. US20050260659A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    162
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KERR, Richard
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ilarity 58.6%;
Conservative
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PRIOR FILING DATE: 2004-12-07 NUMBER OF SEQ ID NOS: 511

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PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PatentIN version 3.1
SEQ ID NO 51094
LENGTH: 1076
TYPE: DNA
ORGANISM: Bovine 19866880658375
US-10-750-185-51094
                                   RESULT 7
US-10-750-185-52118/c
JSequence 52118, Application US/10750185
Publication No. US20050260603A1
GENERAL INFORMATION:
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US-10-750-185-51094/c
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; ORGANISM: Homo sapiens
US-11-112-908-39
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Publication No. US20050260603A1
GENERAL INFORMATION:
APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
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LENGTH: 179892
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 78; Conserv
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Best Local Similarity 49.4%;
Matches 83; Conservative
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APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMII1100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT APPLICATION NUMBER: US/10/750,185
APPLICANT: MMI GENOMICS, INC. APPLICANT: DeNISE, Sue K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    88703 CTCTCTTTCTTTTTTTTTTTTCCCAGAGTCTCACTCTGTCGCCCA 88750
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                                                                                                                                                                                AGAATTTCTTTTATCTTTAGGTTTTCTCTTTTTTC 559
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Pred. No.
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APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: HOLM, Tom
APPLICANT: FANTIN, Demnis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMI1100-2
CUURRENT APPLICATION NUMBER: US/10/750,185
CUURRENT APPLICATION NUMBER: US 60/437,482
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOPTWARE: Patentin version 3.1
SEQ ID NO 52118
LENGTH: 1536
TYPE: DNA
ORGANISM: Bovine 19866880667124
US-10-750-185-52118
                                                                                                                                                                                                                                                                                                                     APPLICANT: HOLM, Tom
APPLICANT: BATES, Stephen
APPLICANT: BATES, Stephen
APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
FILE REFERENCE: MMII100-2
FILE REPERENCE: MMII100-2
CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PACENTIN Version 3.1
SEQ ID NO 25953
LENGTH: 1744
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US-10-750-185-25953
; Sequence 25953, Application US/10750185
; Publication No. US20050280603A1
; GENERAL INFORMATION:
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; ORGANISM: Bovine
US-10-750-185-25953
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                                                                                                                                                                      Matches
                                                                                                                                                                                            Best Local
                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
364 GTCTGTTCTCACGATATTCACCTTTTTATGTGCAGACAATAAAAAGAGGAGTGCAAAGTA 305
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                                                                                                                 21 ACAGAAGGTAAGTGCTTTATAAAGCACTCAATTTCTACTCAGAAATTTTTTGATGGCCTTTAA 80
                                                                                                                                                                                            h 6.3%;
Similarity 51.0%;
                                                                                      ACACCATTCAGATCAAAATAAAGAACACAATTTGATTGCAAAAGGTATTTCTACCTTGAA
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                                        GITCCICTACTCGTTTCTATCCTTACTCACTGTCCTCCCGGAATCCACTACCGATTT 140
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                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                 19866880671549
                                                                                                                                                                        0,
                                                                                                                                                                                            Score 31.8; D
Pred. No. 1.1;
                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                     DB 6;
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                                                                                                                                                                                                                   Length 1744;
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1368 CCAGTCACTTGCCTATCAGTCTCTGTC 1394

TCTATTTCTTGCCTCGTATTGTCTGAC

167

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GENERAL INFORMATION:
APPLICANT: Harris, Cole
APPLICANT: Bavis, Lisa M.
APPLICANT: Bavis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-11-07
PRIOR FILING DATE: 2004-12-07
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CURRENT APPLICATION NUMBER: US/10/750,185
CURRENT FILING DATE: 2003-12-31
PRIOR APPLICATION NUMBER: US 60/437,482
PRIOR FILING DATE: 2002-12-31
NUMBER OF SEQ ID NOS: 64922
SOFTWARE: PAtentIN version 3.1
SEQ ID NO 59056
LENGTH: 2497
                                          ; TYPE: DNA; ORGANISM: Homo sapiens US-11-112-908-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-11-112-908-29/c
; Sequence 29, Application US/11112908
; Publication No. US20050260659A1
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; ORGANISM: Bovine
US-10-750-185-59056
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Query Match
                                                                                                                                      SEQ ID NO 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MMI GENOMICS, INC.
APPLICANT: DENISE, Sue K.
APPLICANT: KERR, Richard
APPLICANT: ROSENFELD, David
APPLICANT: HOLM, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: FANTIN, Dennis
TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
                                                                                                                                                           SOFTWARE:
                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                              131855
                                                                                                                                                      PatentIn version 3.3
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    Score 31.6;
    BB
    7;
  Length 131855;
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US-11-112-908-24/c

Sequence 24, Application US/11112908 Publication No. US20050260659A1

GENERAL INFORMATION:

APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23

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RESULT 11
US-11-112-908-30/c
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APPLICANT: Harris, Liea M.
APPLICANT: Davis, Liea M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/515,978
PRIOR PILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
PRIOR PILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
RESULT 12
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Publication No. US20050260659A1
GENERAL INFORMATION:
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LENGTH: 143389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 6.2%;
1 Similarity 53.7%;
87; Conservative
                                                                                                                                                                                                                 TTTTCTACCCGGGCTCACCTCCGTCCCTCCATATTTGTCCTC 243
                                                                                                                                                                                                                                                                                                                                                                                CTATTTCTTGCCTCGTATTGTCTGACTGGCTCACTTGGATTTATCCTCACGGAGTCTGGA
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Pred. No. 20;
0; Mismatches
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APPLICANT: HARTIS, COLE
APPLICANT: HARTIS, ISAM
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR FILING DATE: 2004-04-23
PRIOR FILING DATE: 2004-05-01
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
NUMBER OF SEQ ID NOS: 511
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US-11-112-908-28/c
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PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER OF SEQ ID NOS: 511
SOPTWARE: PATENTIN VERSION 3.3
SEQ ID NO 24
                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 87; Conserv
                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.3 SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 28, Application US/11112908 Publication No. US20050260659A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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PRIOR TILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-11-30
                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                      TITICIACCCGGGCTCACCTCCGTCCCTCCATATITGTCCTC 243
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ilarity 53.7%;
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Pred. No. 21;
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; ORGANISM: Homo sapiens
US-11-112-908-22
; ORGANISM: Homo sapiens
US-11-112-908-23
                                                                                                 CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR APPLICATION NUMBER: US 60/575,978
PRIOR FILING DATE: 2004-06-01
PRIOR PPLICATION NUMBER: US 60/631,702
PRIOR PILING DATE: 2004-11-30
PRIOR PILING DATE: 2004-11-30
PRIOR PILING DATE: 2004-11-30
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR PILING DATE: 2004-13-07
NUMBER OF SEQ ID NOS: 511
SOFTWARE: Patentin version 3.3
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APPLICANY: DAYLS, LISA M.
TITLE OF INVENTION: Breast Cancer Biomarkers
FILE REFERENCE: 04-164-US
CURRENT APPLICATION NUMBER: US/11/112,908
CURRENT FILING DATE: 2005-04-22
PRIOR APPLICATION NUMBER: US 60/564,758
PRIOR FILING DATE: 2004-04-23
PRIOR PELICATION NUMBER: US 60/575,978
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: US 60/631,702
PRIOR APPLICATION NUMBER: US 60/633,826
PRIOR FILING DATE: 2004-12-07
NUMBER: OF SEQ ID NOS: 511
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Publication No. US20050260659A1
GENERAL INFORMATION:
APPLICANT: Harris, Cole
APPLICANT: Davis, Lisa M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/11112908 Publication No. US20050260659A1 GENERAL INFORMATION:
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SEQ ID NO 22
LENGTH: 172147
                                                                                       SEQ ID NO 23
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Breast Cancer Biomarkers FILE REFERENCE: 04-164-US
                                           TYPE: DNA
                                                              ENGTH:
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Local Similarity 51.0%;
es 74; Conservative
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1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
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Match
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  Listing first 45 summaries
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Copyright (c) 1993 - 2005
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US-09-759-143-471
US-09-822-827-471
US-09-895-793-471
US-09-895-814-471
US-10-012-896-471
US-10-010-896-471
US-10-010-940-471
US-10-144-678A-471
US-10-294-025-471
US-09-957-708-3
US-09-957-708-3
US-09-759-143-469
US-09-895-793-469
US-09-895-793-469
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US-09-895-793-469
US-10-010-940-469
US-10-144-678A-469
US-10-294-025-469
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Sequence 6	Sequence 6	Sequence 6	Sequence 6	Sequence 2	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 468,	Sequence 4	Sequence	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4	Sequence 4
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ALIGNMENTS

SOFTWARE: FastSE SEQ ID NO 471 LENGTH: 812 LINGTH: DNA TYPE: DNA ORGANISM: Homo s US-09-759-143-471 Ś 밁 RESULT 1 US-09-759-143-471/c S Query Match Best Local S Matches 255 GENERAL INFORMATION: APPLICANT: Xu, Jia APPLICANT: Dillon, Sequence 471, Application US/09759143 Patent No. US20020022248A1 APPLICANT: Li, Samuel APPLICANT: Wang, Aljun APPLICANT: Skeiky, Yasir A.W. APPLICANT: Skeiky, Yasir A.W. APPLICANT: Hepler, William TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER TITLE OF TAXABLE OF TAX FILE REFERENCE: 210121.427C23 CURRENT APPLICATION NUMBER: US/09/759,143 CURRENT FILING DATE: 2001-01-12 NUMBER OF SEC ID NOS: 934 COPTUDATE: 934 APPLICANT: 310 541 250 255; h 48.1%; Similarity 99.2%; TGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAATGAATTGATGTGTTCCTTAAAGG CACAGATCCCTGGGAGAAATGCCCGGCCGCCATCTTGGGTCATCGATGAGCCTCGCCCTG CAGAGATCCCTGGGAGAAATGCCCGGCCGCCATCTTGGGTCATCGATGAGCCTCGCCCTG Day, Craig H. Vedvick, Thomas Carter, Darrick Fanger, Gary R. Retter, Marc W. Stolk, John A. FastSEQ for Windows Version 3.0 Henderson, Robert A. Kalos, Michael D. Jiang, Yuqui Harlocker, Susan L. Xu, Jiangchun Dillon, Davin Mitcham, Jennifer L. Conservative sapiens Craig H. i <u>.</u> Score 243.4; DB 3 Pred. No. 6.9e-68; 0; Mismatches 1 DB 3; 1; THE THERAPY AND Indels Length 812;

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APPLICANT: Li, Samuel
APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
APPLICANT: Hepler, William
APPLICANT: Houghton, Raymond L.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C24
CURRENT APPLICATION NUMBER: US/09/780,669
CURRENT APPLICATION NUMBER: US/09/780,669
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 943
SOFTWARE: FastEEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
US-09-780-669-471
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; APPLICANT: Xu, Jian
; APPLICANT: Dillon,
; APPLICANT: Mitcham,
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Best Local Similarity 99.2%;
Matches 255; Conservative
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Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
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Dillon, Davin C.
Mitcham, Jennifer L.
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Carter, Darrick
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Pred. No. 6.9e-68;
0; Mismatches 1;
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   APPLICANT:
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Sequence 471, Application US/09822827

Fatent No. US20020081680A1

GENERAL INFORMATION:
APPLICAVT: Xu, Jiangchun

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIACROSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.534C1

CURRENT APPLICATION NUMBER: US/09/822,827

CURRENT FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 982

SOFTWARE: FRASESEQ for Windows Version 3.0

LENGTH: 812
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; Sequence 471, Application US/09895793
; Publication No. US20020192763A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yuqiu
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US-09-822-827-471
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Best Local Similarity
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Hepler, William T.
Henderson, Robert A.
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Vedvick, Thomas S.
Carter, Darrick
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Kalos, Michael D.
   Hural, John
McNeill, Patricia D.
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Pred. No. 6.9e-68;
0; Mismatches 1;
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Houghton, Raymond L. Vinals de Bassols, Carlota

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APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND ITILE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.534C2
CURRENT APPLICATION NUMBER: US/09/895,793
CURRENT FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 982
SOFTWARE: FASCSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
US-09-895-793-471
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US-09-895-814-471/c
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Best Local Similarity 99.2%;
APPLICANT: Houghton, Raymond L.
APPLICANT: Vinals de Bassols, Carlota
APPLICANT: Foy, Teresa
APPLICANT: Foy, Teresa
APPLICANT: Foy, Teresa
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427026
CURRENT APPLICATION NUMBER: US/09/895,814
CURRENT FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 990
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APPLICANT:
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
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Hepler, William T.
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Kalos, Michael D.
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Vedvick, Thomas S.
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APPLICANT: Meagher, Madeleine Joy
TITLE OF INVENTION: COMPOSITIONS AND METHODS I
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CAI
FILE REFERENCE: 210121.427027
CURRENT APPLICATION NUMBER: US/10/012,896
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 1011
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 471
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; LENGTH: 812
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-896-471
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; ORGANISM: Homo sapiens
US-09-895-814-471
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Matches 255; Conservative
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SEQ ID NO 471
LENGTH: B12
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Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Li, Samuel X.
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Mitcham, Jennifer L.
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Vinals de Bassols, Carlota
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McNeill, Patricia D.
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Kalos, Michael D.
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Wantanabe, Yoshihiro
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Hepler, William T.
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Pred. No. 6.9e-68;
0; Mismatches 1
                                                                                                                                                                                AND METHODS FOR THE THERAPY AND
                                                                                                                                                                  CANCER
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APPLICANT: Panger, Gary
APPLICANT: Retter, Mark
APPLICANT: Solk, John
APPLICANT: Day, Craig
TITLE OP INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OP INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427D3
CURRENT APPLICATION NUMBER: US/10/010,940
CURRENT FILING DATE: 2001-12-05
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
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US-10-010-940-471/c
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Best Local Similarity
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Lou
APPLICANT: Jiang Yuqui
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TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAATCTTGATGGC
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Reed, Steven G.
Kalos, Michael
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Pred. No. 6.9e-68;
0; Mismatches 1;
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US-10-144-678A-471/c
yS-quence 471, Application US/10144678A
Publication No. US20030157089A1
GENERAL INFORMATION:
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE '
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REPERENCE: 210121.427C28
CURRENT APPLICATION NUMBER: US/10/144,678A
CURRENT FILING DATE: 2002-08-12
NUMBER OF SEQ ID NOS: 1033
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
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Local Similarity 99.2%;
hes 255; Conservative
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                      TTCACAAGACATGCAAC
                                                 TTCACAAGACATGCAAC 506
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Vedvick, Thomas S.
Carter, Darrick
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Hepler, William T.
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Pred. No. 6.9e-68;
0; Mismatches 1;
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361 TGAAGTCA-CAAAGTGAGCATTACCAATGAGAGGAAAAACAGACGAGAAAATCTTGATGGC 303

Length 812;

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Gaps

TGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAATGAATTGATGTGTTCCTTAAAGG ATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGAAA TGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAATGAATTGATGTGTTCCTTAAAGG TGAAGTCA-CAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAATCTTGATGGC TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAAATCTTGATGGC 489 362 429 422 369 482 309

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Sequence 471, Application US/10294025

Publication No. US20030185830A1

GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Kalos, Michael D.
APPLICANT: Kalos, Michael D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C29

CURRENT APPLICATION NUMBER: US/10/294,025

CURRENT FILING DATE: 2002-11-12

NUMBER OF SEQ ID NOS: 1038

SOFTWARE: FeatSEQ for Windows Version 3.0

SEQ ID NO 471

LENGTH: 812

TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                      Sequence 3, Application US/09957708

Publication No. US20030031678A1

GENERAL INFORMATION:
APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Recipon, Herve
APPLICANT: Cafferkey, Robert
APPLICANT: Ali, Shujath
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific
TITLE OF INVENTION: Genes
FILE REFERENCE: DEX-0239

CURRENT APPLICATION NUMBER: US/09/957,708

CURRENT APPLICATION NUMBER: 60/233,746

PRIOR APPLICATION NUMBER: 60/233,746

PRIOR FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 40

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 3

LEMING DATE: PatentIn Ver. 2.1
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US-10-294-025-471/c
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                                                       LENGTH: 876
TYPE: DNA
ORGANISM: Homo &
S-09-957-708-3
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Best Local (
Query Match
Best Local Similarity
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Local Similarity 99.2%;
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 48.1%;
99.2%;
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Pred. No. 6.9e-68;
0; Mismatches 1;
Score 243.4; DB 3; Pred. No. 7.2e-68;
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US-10-880-425A-1
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APPLICANT: Schalken, Jack A.
APPLICANT: Smit, Frank
APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hessels, Daphne
APPLICANT: Hessels, Daphne
APPLICANT: Verhaegh, Gerald
TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3
TITLE OF INVENTION: and Kits Therefor
FILE REFERENCE: 1619.019000/JAG/CMB
CURRENT FILING DATE: 2004-06-30
PRIOR APPLICATION NUMBER: CA 2,432,365
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
LENGTH: 2037
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Best Local Similarity
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TYPE: DNA
ORGANISM: Homo sapiens
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NAME/KEY: misc_feature
LOCATION: (1563)...(1563)
OTHER INFORMATION: n = a,
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LOCATION: (1517)..(1517)
OTHER INFORMATION: n = a
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NAME/KEY: misc feature
LOCATION: (1472)..(1472)
OTHER INFORMATION: n = a
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Pred. No. 1.1e-67;
0; Mismatches 1;
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APPLICANT: Skelky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CAPPLICATION: DIAGNOSIS OF PROSTATE CAPPLICATION NUMBER: US/09/759,143
CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
SOFTWARE: FREEDER FOR WINDOWS Version 3.0
SEQ ID NO 469
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo Bapiens
US-09-759-143-469
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Patent NO. US2002022248A1
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Jiang, Yuqui
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                                                             TTCACAAGACATGCAAC 1341
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Carter, Darrick
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Retter, Marc W.
Stolk, John A.
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APPLICANT: MCNeil, Patricia D.
APPLICANT: MCNeil, Patricia D.
APPLICANT: MCNeil, Patricia D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REPERENCE: 210121.427C24
CURRENT APPLICATION NUMBER: US/09/780,669
CURRENT FLING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 943
SOFTWARE: FASTSEQ FOR WINDOWS Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo sapiens
US-09-780-669-469
                                                                                                                                                                                            RESULT 14
US-09-822-827-469/c
Sequence 469, Application US/09822827

Patent No. US20020081680A1

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.534C1

CURRENT APPLICATION NUMBER: US/09/822,827

CURRENT FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 982
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Patent No. US20020051977A1
GENERAL INFORMATION:
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Best Local S
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Local Similarity 99.2%;
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Skeiky, Yasir A.W.
Hepler, William
Hural, John
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Dillon, Davin C.
Mitcham, Jennifer
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Vedvick, Thomas S.
Carter, Darrick
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Pred. No. 1.2e-67;
0; Mismatches 1;
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APPLICANT: Hural, John
APPLICANT: McNeill, Patricia D.
APPLICANT: McNeill, Patricia D.
APPLICANT: Houghton, Raymond L.
APPLICANT: Vinals de Bassols, Carlota
APPLICANT: Foy, Teresa
APPLICANT: Foy, Teresa
APPLICANT: Foy Teresa
APPLICANT: Fanger, Gary R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.534C2
CURRENT APPLICATION NUMBER: US/09/895,793
CURRENT APPLICATION UNMBER: US/09/895,793
CURRENT FALING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 982
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-895-793-469
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; SEQ ID NO 469
; LENGTH: 2229
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-822-827-469
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US-09-955-793-469/c
US-09-905-469, Application US/09895793
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APPLICANT: Dillon, Davin
APPLICANT: Mitcham, Jenni
APPLICANT: Harlocker, Sus
APPLICANT: Harlocker, Sus
APPLICANT: Jiang, Yuqiu
APPLICANT: Kalos, Michael
APPLICANT: Kalos, Michael
APPLICANT: Stolk, John A.
APPLICANT: Day, Craig H.
APPLICANT: Vedvick, Thoma
APPLICANT: Vedvick, Thoma
APPLICANT: Li, Samuel X.
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Hepler, William T.
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Kalos, Michael D.
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Mitcham, Jennifer L.
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                     TTCACAAGACATGCAAC 506
                                                                                                                                       ATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGAAA 429
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TTCACAAGACATGCAAC 1341
                                                            TGAAGTCA-CAAAGTGAGCATTACCAATGAGAGGAAAAACAGACGAGAAAATCTTGATGGC
                                                                                       TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAAACAGACGAGAAAAATCTTGATGGC 489
                                                                                                                      ATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGAAA
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Search completed: December 1, 2005, 15:55:34 Job time: 803 secs

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/1_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTOMB.seq:*

6: /cgn2_6/ptodata/1/ina/PCTOMB.seq:*

7: /cgn2_6/ptodata/1/ina/PCTOMB.seq:*

8: /cgn2_6/ptodata/1/ina/PCTOMB.seq:*

9: /cgn2_6/ptodata/1/ina/Backfiles1.seq:*
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Copyright (c) 1993 - 2005 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	-09-759-	US-09-679-426-470	4	US-09-636-215-470	52-616A	-313-4	US-10-012-896-469	US-09-657-279-469	US-09-651-236-469	US-09-759-143-469	US-09-679-426-469	US-09-685-166A-469	-215-4	US-09-352-616A-469	US-09-439-313-469	US-10-012-896-471	47	651-236-	759	US-09-679-426-471	US-09-685-166A-471	US-09-636-215-471	US-09-352-616A-471	-313-4	ID
	470	470,	Sequence 470, App	•		•	•	469,	•	•	•	•	Sequence 469, App	•	469,	471,	•	471,	•	471,	471,	•	Sequence 471, App	-	Description

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ALIGNMENTS

RESULT 1 US-09-439-313-471/c

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APPLICANT: Fanger, Garry
APPLICANT: Retter, Mark
APPLICANT: Solk, John
APPLICANT: Day, Craig
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 255; Conserv
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Patent No. 6329505
GENERAL INFORMATION:
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APPLICANT:
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
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TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAAATCTTGATGGC
                                                                         ATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGAAA 429
                                                                                                                             TGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAAATGAATTGATGTTCCTTAAAGG
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Reed, Steven G.
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llarity 99.2%;
Conservative (
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Pred. No. 2.5e-70;
0; Mismatches 1
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GENEMAL AND DAVIN C.

APPLICANT: Dillon, Davin C.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Jiang, Yuqui

APPLICANT: Xu, Jiangchun

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAG

TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR TITLE REPERBUCE: 210121.427C8

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEO ID NOS: 472

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 471

LENGTH: 812

TYPE: DNA

ORGANISM: Homo sapiens

US-09-352-616A-471
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US-09-352-616A-471/c
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US-09-636-215-471/c
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Best Local Similarity 99.2%;
Matches 255; Conservative
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APPLICANT: Dillon, Davin C.
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APPLICANT:
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                                              Henderson, Robert
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
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Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
                                                                                                                                                                     Xu, Jiangchun
Dillon, Davin C.
Mitcham, Jennifer L.
                                                                                                                                     Jiang, Yugui
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                                                                                                                      Robert A.
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Pred. No. 2.5e-70;
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GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Jiang, Yuqui

APPLICANT:

Vedvick, Thomas S Carter, Darrick

Craig H.

Wang, Aijun Li, Samuel Henderson, Robert Kalos, Michael D. Fanger, Gary R. Retter, Marc W. Stolk, John A.

Robert A.

CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812

APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFEBENCE: 210121.47721

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Sequence 471, Application US/09685166A Patent No. 6630305
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                                                                   TTCACAAGACATGCAAC 286
                                                                                                            TGAAGTCA-CAAAGTGAGCATTACCAATGAGAGGAAAAACAGACGAGAAAATCTTGATGGC
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                                                                              TTCACAAGACATGCAAC
                                                                                                                            TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAAACAGACGAGAAAAATCTTGATGGC
                                                                                                                                                      ATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGAAA
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                                                                                      506
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Pred. No. 2.5e-70;
0; Mismatches 1;
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C20
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT FAPLING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 895
SOFTWARE: FABCSEQ FOR WINDOWS Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
US-09-679-426-471
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US-09-679-426-471/c
; Sequence 471, Application US/09679426
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APPLICANT: Xu, Jiang
APPLICANT: Dillon,
APPLICANT: Mitcham,
APPLICANT: Harlocker
APPLICANT: Handerson
APPLICANT: Kalos, Mi
APPLICANT: Retter, M
APPLICANT: Stolk, Jo
APPLICANT: Stolk, Jo
APPLICANT: Uay, Crai
APPLICANT: Vedvick,
APPLICANT: Vedvick
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; ORGANISM: Homo
US-09-685-166A-471
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Best Local 9
                                                                                                Matches
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APPLICANT:
APPLICANT:
                                                                                                               Match 48.1%;
Local Similarity 99.2%;
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Similarity 99.2%;
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Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
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Mitcham, Jennifer L.
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Kalos, Michael D.
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                                                                                                Score 243.4; DB 3; Length 812; Pred. No. 2.5e-70; 0; Mismatches 1; Indels 1
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Pred. No. 2.5e-70;
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C23
CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
SOFTWARE: FRACESCQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
US-09-759-143-471
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US-09-759-143-471/c
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Best Local Similarity 99.2%;
Matches 255; Conservative
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Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
 TTCACAAGACATGCAAC 506
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Kalos, Michael
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Dillon, Davin C.
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Pred. No. 2.5e-70;
0; Mismatches 1
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812; 1,

Gaps

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TTCACAAGACATGCAAC

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Jarrick

Japulcant: Skelky, Yasir A.W.

APPLICANT: Hepler, William

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.42718C18

CURRENT APPLICATION NUMBER: US/09/651,236

CURRENT FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 865

SOFTWARE: FascSEQ for Windows ''

SEQ ID NO 471

LENGTH: 812

TYPE: DN"
US-09-657-279-471/c

| Sequence 471, Application US/09657279
| Patent No. 689416
| GENERAL INFORMATION:
| APPLICANT: Xu, Jiangchun
| APPLICANT: Dillon, Davin C.
| APPLICANT: Hatcham, Jennifer L.
| APPLICANT: Harlocker, Susan L.
| APPLICANT: Jiang, Yuqui
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; ORGANISM: Homo sapiens
US-09-651-236-471
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US-09-651-236-471/c
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Best Local Similarity
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APPLICANT:
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Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
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Mitcham, Jennifer L.
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Pred. No. 2.5e-70;
0; Mismatches 1
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GENERAL INFORMATION:
APPLICANT: XU, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Kalos, Michael D.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Wang, Aijun
APPLICANT: Skelfy, Yasir A.W.
APPLICANT: Skelfy, Yasir A.W.

Mitcham, Jennifer L. Harlocker, Susan L.

Jiang, Yuqiu Kalos, Michael D.

APPLICANT:

Henderson, Robert A. Hural, John McNeill, Patricia D.

APPLICANT:

Wang, Aijun Skeiky, Yasir A.W. Hepler, William T.

Vedvick, Thomas S Carter, Darrick

Sequence 471, Application US/10012896 Patent No. 6943236

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APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
TITLE OF INVENTION: NUMBER: US/09/657,279
CURRENT APPLICATION NUMBER: US/09/657,279
CURRENT FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 877
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Home sapiens
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RESULT 9
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Best Local S
Matches 255
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Vedvick, Thomas S.
Carter, Darrick
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Pred. No. 2.5e-70;
0; Mismatches 1
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APPLICANT: Wantanabe, Yoshihiro
APPLICANT: Wantanabe, Yoshihiro
APPLICANT: Meagher, Madeleine Joy
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
ITILE OF INVENTION: DIACNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C27
CURRENT APPLICATION NUMBER: US/10/012,896
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 1011
SOFTWARE: FASCISEQ FOR Windows Version 3.0
SEQ ID NO 471
LENGTH: 812
TYPE: DNA
ORGANISM: Homo sapiens
US-10-012-896-471
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; ORGANISM: Homo sapiens 
US-09-439-313-469
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US-09-439-313-469/c
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang Yuqui
APPLICANT: Reed, Steven G.
APPLICANT: Kalos, Michael
APPLICANT: Kalos, Michael
APPLICANT: Fanger, Gary
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 469, Application US/09439313 Patent No. 6329505 GENERAL INFORMATION:
                               NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
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Best Local Similarity
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APPLICANT:
                                                                                                                             APPLICANT: Solk, John
APPLICANT: DAY, CTA19
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT FILING DATE: 1999-11-12
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Fanger, Gary
Retter, Mark
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Poy, Teresa
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Sequence 469, Application US/09352616A

Patent No. 6395278

GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Dillon, Davin C.
APPLICANT: Jiang, Yuqui
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jenniier Lynn
APPLICANT: Mitcham, Jenniier Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 469

LENGTH: 2229
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; ORGANISM: Homo
US-09-352-616A-469
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US-09-352-616A-469/c
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Best Local Similarity 99.2%;
Matches 255; Conservative
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Best Local Similarity 99.2%;
Matches 255; Conservative
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                    TTCACAAGACATGCAAC
                                                                                            TGAAGTCACCAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAATCTTGATGGC
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TTCACAAGACATGCAAC 1341
                                                                      TGAAGTCA-CAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAATCTTGATGGC
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Pred. No. 4.4e-70;
0; Mismatches 1;
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Pred. No. 4.4e-70;
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APPLICANT: Skelky, Yasir A.W.
APPLICANT: Hepler, William
FITTLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
FITTLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.47717C17
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
SOFTWARE: FRASISEQ for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo sapiens
US-09-636-215-469
RESULT 13
US-09-685-166A-469/c
US-09-685-166A-469/c
Sequence 469, Application US/09685166A
Patent No. 6630305
GENERAL INFORMATION:
APPLICANT: XU, Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Nobert A.
APPLICANT: Kalos, Michael D.
APPLICANT: Kalos, Michael D.
APPLICANT: Fanger, Gary R.
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US-09-636-215-469/c
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Best Local Similarity 99.2%;
Matches 255; Conservative
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Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
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Carter, Darrick
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Kalos, Michael D.
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ick, Thomas S.
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Pred. No. 4.4e-70;
0; Mismatches 1;
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CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOPTWARE: FASUSEQ for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo sapiens
US-09-685-166A-469
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US-09-679-426-469/c
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Best Local Sin
Matches 255;
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Patent No. 675951
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APPLICANT:
APPLICANT:
   APPLICANT: Li, Samuel
APPLICANT: Wang, Aljun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
FILE REFERENCE: 210121.427C20
FILE REFERENCE: 210121.427C20
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Local Similarity 99.2%;
Les 255; Conservative (
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APPLICATION NUMBER: US/09/679,426
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Skeiky, Yasir A.W.
Hepler, William
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Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Dey, Craig H.
Vedvick, Thomas S.
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Vedvick, Thomas !
Carter, Darrick
                                                                                                         Day, Craig H.
Vedvick, Thomas
Carter, Darrick
Li, Samuel
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Dillon, Davin C.
Mitcham, Jennifer L.
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Pred. No. 4.4e-70;
0; Mismatches 1;
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APPLICANT: N, Jiangchun
APPLICANT: Mitcham, Dennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Marlocker, Susan L.
APPLICANT: Jiang, Yuqui
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Welsky, Yasir A. W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C23
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo Bapiens
US-09-759-143-469
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US-09-759-143-469/c
; Sequence 469, Application US/09759143
""" No. 6800746
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; ORGANISM: Homo sapiens
US-09-679-426-469
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NUMBER OF SEQ ID NOS: 895
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 469
LENGTH: 2229
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Query Match 48.1%; Score 243.4; DB 3; Best Local Similarity 99.2%; Pred. No. 4.4e-70; Matches 255; Conservative 0; Mismatches 1;
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Search completed: December 1, 2005, 13:47:44 Job time : 157 secs

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Post-processing: Minimum Match
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Perfect score:
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1: /cgn2_6/ptodata/1/ina/5_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

7: /cgn2_6/ptodata/1/ina/PCOMB.seq:*

8: /cgn2_6/ptodata/1/ina/RE_COMB.seq:*

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Copyright (c) 1993 - 2005 Compugen
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US-09-472-978-66
US-10-131-827-7842
US-08-853-217-2
US-08-853-217-102-2
US-08-317-102-2
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US-08-317-102-2
US-08-317-102-2
US-08-317-102-2
US-09-39-8678-33
US-09-39-8678-33
US-09-396-196G-121545
US-09-396-196G-121545
US-09-396-196G-121545
US-09-368-971-279
US-09-368-972-233
US-09-368-972-235
US-09-358-972-235
US-09-358-972-235
US-09-358-972-233
US-09-358-972-233
US-09-358-972-233
US-09-358-972-233
US-09-3615-23
US-09-790-417-233
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                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
Sequence 711, App Sequence 7842, Appl Sequence 24, Appl Sequence 337, App Sequence 7174, Appl Sequence 7174, Appl Sequence 7174, Appl Sequence 343, Appl Sequence 339, Appl Sequence 5392, Appl Sequence 5392, Appl Sequence 6233, Appl Sequence 6237, Appl Sequence 1279, Appl Sequence 1279, Appl Sequence 1279, Appl Sequence 1279, Appl Sequence 6231, Appl Sequence 337, Appl Sequence 337, Appl Sequence 235, Appl Sequence 237, Appl Seq
                                                                                                                                                                                                                                                                                                                                                                                                Description
    RESULT 2
US-09-422-978-66/c
; Sequence 66, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
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US-09-671-317-711
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Best Local Similarity
Matches 28; Conser
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                                                                                                                                                                                           4.5%;
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Minimum DB Maximum DB

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US-09-790-417-235
US-09-671-317-646
US-09-422-978-657
US-10-131-827-6191
US-10-131-827-6199
US-10-131-827-6370
PCT-US94-10617-17
US-08-171-389-322
US-08-475-228A-322
US-08-475-228A-322
US-08-475-228A-322
US-09-482-080A-322
PCT-US93-1238-322
US-09-93-346-322
PCT-US93-1238-322
US-09-93-346-322
US-09-93-346-322
US-09-851-217-981
US-09-422-978-1581
US-09-422-978-1581
US-09-423-978-1581
US-09-326-157-10
Sequence 235. App
Sequence 646. App
Sequence 657. App
Sequence 6198. Ap
Sequence 6198. Ap
Sequence 6229. App
Sequence 370. App
Sequence 322. App
Sequence 22. App
Sequence 22. Appli
Sequence 25. Appli
Sequence 25. Appli
Sequence 25. Appli
Sequence 9, Appli
Sequence 10, Appli
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Sequence 711, Application US/09671317

Sequence 711, Application US/09671317

Patent No. 6528260

GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Cohen, Annick
FILE REFERENCE: 62.US3.CIP
CURRENT APPLICATION NUMBER: US/09/671,317
CURRENT FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 09/536,178
PRIOR APPLICATION NUMBER: PCT/IB00/00403
PRIOR APPLICATION NUMBER: PCT/IB00/00403
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/131,961
PRIOR APPLICATION NUMBER: US 60/131,961
PRIOR APPLICATION NUMBER: US 60/131,961
PRIOR PILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 977
SOPTWARE: Patent.pm
SEQ ID NO 711
LENGTH: 47
TYPE: DNA
ORGANISM: Homo Sapiens
PEATURE:
NAMEJKEY: allele
LOCATION: 24
OTHER INFORMATION: 12-504-428: polymorphic base G colored to the color of th 62 AAATTTTTGATGGEETTAAGTTCCTCTACTCGTTTCT **AAGTTTATGATGGCCTTTAGTSTCTCCAGGAGTTTCT** Score 22.6; DB 3; Pred. No. 1.1e+03; 0; Mismatches u --9 Q GENES INVOLVED IN DRUG METABOLISM Length 9 <u>,</u> Gaps 0

Result

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CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/296,764
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE: Patentin version 3.1
SEQ ID NO 7842
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, NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-12652-459 : polymorphic base A or
US-09-422-978-66
                                                                                                                                                                                                           á
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-131-827-7842/c
                                                                      US-08-853-217-24
                                                                                                                                                                                                                                                         Query Match
Best Local S
Matches 29
Sequence 24, Application US/08853217 Patent No. 5942395 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local S
Matches 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7842, Application US/10131827 Patent No. 6905827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens -10-131-827-7842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wohlgemuth, Jay
APPLICANT: Woodward, Robert
APPLICANT: Woodward, Robert
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 506612000120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                        265 GAAATGCCCGGCCGCCATCTTGGGTCATCGATGAGCCTCGCCC 307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          42 AGCACTCAATTTCTACTCAGAAATTTTTGATGGCCTTAAGTTCCTCT
                                                                                                                                                                 45 GAAGTGGCCCACCATCTTGGGAGCTCTGTGAGCAAGGACC 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4.2%;
1 Similarity 63.8%;
30; Conservative
                                                                                                                                                                                                                                                         ch 4.1%; l Similarity 67.4%; 29; Conservative
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Pred. No. 3.8e+03;
1; Mismatches 16
                                                                                                                                                                                                                                                                                 Score 20.6; DB 3; Pred. No. 5.4e+03;
                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
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; FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(48)
OTHER INFORMATION: synthesized oligonucleotide
US-09-636-735A-6
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US-09-636-735A-6
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                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Berg, Patricia
TITLE OF INVENTION: No. 6416956el Transcription
FILE REFERENCE: 179.37405X00
CURRENT APPLICATION NUMBER: US/09/636,735A
CURRENT FILING DATE: 2000-08-11
                                                                                                                                           SOFTWARE: PatentIn SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09636735A Patent No. 6416956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                           NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Passe, Peter J.
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 0788
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                         LENGTH: 48
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FILLING DATE: 09-MAY-15
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Fast-SEQ for Windows
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Fournier, Maurille J.
APPLICANT: Samareky, Dmitry A.
APPLICANT: Feybeyre, Gerardo
APPLICANT: Cedergren, Robert
TITLE OF INVENTION: HYBRID RIBOZYMES AND METHODS OF
NUMBER OF SEQUENCES: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: N
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
es 28; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                460 GAGGAAAACAGACGAGAAAATCTTGATGGCTTCACAAGACA 500
                                                                                                                            40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 48 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                GTGAGAAACCGGCGCGATGATCTTGATGGGTACAAATGGCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4.0%;
milarity 68.3%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   617/542-8906
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US/08/853,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 20.2; DB 2;
Pred. No. 7.1e+03;
0; Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Version
                                                                                                                                                                                                                                                      Factor,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 48
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; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-14343-408 : polymorphic base A or
US-09-422-978-337
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Sequence 37-Application US/09422978
PATENT NO. 6537751
GENERAL INFORMATION:
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APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-317-102-1
                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/08317102
PATCHI NO. 5591841
GENERAL INFORMATION:
APPLICANT: Ji, Huamin
APPLICANT: Smith, Lloyd M
TITLE OF INVENTION: Rapid Purification of Plasmid DNA by
TITLE OF INVENTION: Triplex-Mediated Affinity Capture
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 3.9%;
Best Local Similarity 63.8%;
Matches 30; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 337
LENGTH: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                      CITY: Madison
STATE: WI
CLASSIFICATION: 536
                  APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                          COUNTRY: U
                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                  ADDRESSEE: Quarles and Brady
STREET: P.O. Box 2113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               387 TCCTGTTGTGGATATTTATTTGAACGGGATTACAGATTTGA 427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               36 TTATAAAGCACTCAATTTCTACTCAGAAATTTTTGATGGCCTTAAGT 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TTATTAAGTGCTTACTATGTACCRGGCAATATTCTAAGTGCTTAAGT 47
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                                                                                                                                                                                                                 USA
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                                       US/08/317,102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 20.2; DB 3;
Pred. No. 7.1e+03;
0; Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
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Pred. No. 9.6e+03
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Patent No. 5591841
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Best Local Similarity 77.4%;
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TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                            TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 48 base pairs
                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 90-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
                                                                                                                                                                                                                                                                                                                                                                 MBDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/317,102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Rapid Purification of Plasmid DNA TITLE OF INVENTION: Triplex-Mediated Affinity Capture NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
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NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27,386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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APPLICANT: Smith, Lloyd M
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
TYPOTHETICAL: NO
  HYPOTHETICAL:
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CITY: Madison
                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Quarles and Brady STREET: P.O. Box 2113
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Pred. No. 9.7e+03;
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APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-10-131-827-7174
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Best Local S
Matches 27
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GENERAL INFORMATION:
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Best Local
                                                                                                      NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3643
LENGTH: 47
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Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNITITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 5066120000120
CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
CURRENT FILING DATE: 2002-09-06
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APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
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                                                                                           TYPE: DNA
OTHER INFORMATION: 99-8679-371 : polymorphic base T or
                   NAME/KEY: allele
LOCATION: 24
                                                      FEATURE:
                                                                     ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                105 CCTACTCACTGTCCTCCCGGAATCCACTACCGATTTTCT 143
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l Similarity 69.2%;
27; Conservative
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Pred. No. 9.7e-
0; Mismatches
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Pred. No. 9.9e+03;
0; Mismatches 12
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                                                                                                            ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Putative
; OTHER INFORMATION: promoter sequence
US-09-548-260-33
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CURRENT FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 52
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 33
LENGTH: 50
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Peredeltchouk, Mikhail
APPLICANT: Vonstein, Veronika
APPLICANT: Demitjian, David
TITLE OF INVENTION: Thermus Promoters for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sequence 33, Application US/09390867A Patent No. 6294358
                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver.
SEQ ID NO 33
LENGTH; 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 33, Application US/09548260 Patent No. 6344327
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Best Local
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                                        Matches
                                                      Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 09/390,867
PRIOR FILING DATE: 1999-09-07
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                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 52
                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 99-559
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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     395 TGGATATTTATTTGAACGGGATTACAGATTTGAAATGAAGTCACC 439
                                          29;
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                                          Conservative
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                                                            3.8%;
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                                                            Score 19.4; DB 3;
Pred. No. 1.3e+04;
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Pred. No. 1.3e+04;
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Pred. No. 1.1e+04;
                                            Mismatches
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TGCAGATTTTTTAGTACCGGATCACCTTTGTTAAAGGAAGCGAGC 1

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GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR FILING DATE: 1998-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/296,764
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9990
SOFTWARE: PALENTIN VERSION 3.1
SEQ ID NO 5392
LENGTH: 50
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US-10-131-827-5392/c
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US-09-396-196G-121545/c
; Sequence 121545, Application US/09396196G
; Patent No. 6821724
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; ORGANISM: Homo sapiens
US-10-131-827-5392
RESULT 15
US-10-131-827-1279/c
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; ORGANISM: mus musculus
US-09-396-196G-121545
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Best Local Similarity 79.3%;
Matches 23; Conservative
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SOFTWARE: FRANCEQ for Windows Version 4.0
SEQ ID NO 121545
LENGTH: 25
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5392, Application US/10131827
                                                                                                                                                                       Matches
                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Woodward, Robert
APPLICANT: LY, NGCC
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 506612000120
CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
CURRENT FILING DATE: 2002-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wohlgemuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            363 TTARAGGATGGGCAGGARARCAGATCCTG 391
                                                                                                                             369 GATGGGCAGGAAAACAGATCCTGT 392
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                                                                                                                                                                    Conservative
                                                                                                                                                                                          3.8%;
87.5%;
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Pred. No. 1.3e+04;
0; Mismatches 6;
                                                                                                                                                                  Score 19.2; DB 3; Length 25; Pred. No. 1.1e+04; 0; Mismatches 3; Indels
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APPLICANT: Wohlgemuth, Jay
APPLICANT: Wohlgemuth, Jay
APPLICANT: Wohlgemuth, Jay
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 506612000120
CURRENT FILING DATE: 2002-09-06
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9990
SOFTWARE: Patentin version 3.1
SEQ ID NO 1279
LENGTH: 50
TYPE: DNA
ORGANISM: Homo sapiens
US-10-131-827-1279
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Search completed: December Job time : 156 secs
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Best Local Similarity 62.5%;
Matches 30; Conservative
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                                                                                                                                             107 TACTCACTGTCCTCCCGGAATCCACTACCGATTTTCTATTTCTTGCCT 154
                                                                                                 48 TCCTCTCATCTCTTGGATTCTGTACCCGGTTTACAATCTCTTGCTT
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                             2005, 16:02:22
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Pred. No. 1.6e+04;
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